

## MONTHLY PROJECT STATUS REPORT

PROJECT TITLE:	<b><i>Center for Functional Nanomaterials, Conv. Con.</i></b>	DATE:	05/20/04
ESH&Q RISK LEVEL:	Low (A3-Minor)	STATUS PERIOD:	04/01/04 – 04/30/04
FUNDING AREA:	BES	ACCOUNT NO.:	Various
PROJECT MGR.:	M. Fallier / M. Schaeffer	PROJECT NO.:	9899
DEPT. PROJECT:	BES/CFN	TEC:	\$79,700K
ARCH./ENG.:	HDR Architecture, Inc.	FY03:	<b><u>\$0.988M</u></b>
GEN. CONTR.:		FY04:	<b><u>\$2.982M</u></b>
		FY05:	<b><u>\$20.477M</u></b>
		FY06:	<b><u>\$36.553M</u></b>
		FY07:	<b><u>\$18.7M</u></b>

TECHNICAL STATUS
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**SCOPE:** Construct 94,500 SF combined Lab/Office/User facility for nanotechnology research. CFN to include clean rooms, optical, material synthesis, nanopatterning, electron microscopy, proximal probe laboratories and facilities for theory and computation. Special systems will be required for precise environmental controls, EMI/RFI reduction and isolation of instruments from vibration. Offices will include mix of single, multiple and open plan flexible space to accommodate BNL staff and user groups.

**PROGRESS:** Title I design completed, Title II design underway. EIR completed week of March 22, EIR Corrective Action Plan completed and submitted to DOE. EIR results are positive, no major corrective actions required. CD-2 scheduled for 5/25/04.

**PROBLEMS:** None

**CORRECTIVE ACTION:**  
N/A

SCHEDULE STATUS
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NEPA TO DOE:	09/22/03
ENGINEERING APPROVAL:	07/31/03
FINAL APPROVAL:	10/06/03

PLANNED ACTIVITIES	BASELINE MILESTONES	ESTIMATE(E)/ ACTUAL(A)	% COMPLETE
CD-1 APPROVE ALTER. SELECT. & COST	07/23/03	07/23/03(A)	100
PROJECT START	08/01/03	08/01/03(A)	100
TITLE I ENGINEERING START	08/01/03	08/01/03(A)	100
TITLE I ENGINEERING COMPLETE	02/20/04	02/20/04(A)	100
TITLE II ENGINEERING START	03/01/04	03/01/04(A)	100
EXTERNAL INDEPENDENT REVIEW (EIR)	03/22/04	03/22/04(A)	100
CD-2 APPROVE PERFORMANCE BASE.	05/14/04	05/25/04(E)	
TITLE II ENGINEERING COMPLETE	09/30/04	09/30/04(E)	15
INDEPENDENT PROJECT REVIEW (IPR)	11/15/04	11/15/04(E)	
CD-3 APPROVE START OF CONSTRUCT.	12/31/04	12/31/04(E)	

**Center for Functional Nanomaterials – Continued**

PLANNED ACTIVITIES	BASELINE MILESTONES	ESTIMATE(E)/ ACTUAL(A)	% COMPLETE
AWARD CONTRACT	03/31/05	03/31/05(E)	
NOTICE TO PROCEED	05/02/05	05/02/05(E)	
CONSTRUCTION START	06/01/05	06/01/05(E)	
COMPLETE BORE	02/28/07	02/28/07(E)	
CONSTRUCTION COMPLETE	03/30/07	03/30/07(E)	
START INSTRUMENT INSTALLATION	04/02/07	04/02/07(E)	
CD-4a APPROVE START OF INITIAL OPER.	04/30/07	04/30/07(E)	
COMPLETE INSTRUMENT INSTALLATION	03/31/08	03/31/08(E)	
CD-4b APPROVE START OF FULL OPER.	04/30/08	04/30/08(E)	

COST STATUS (K\$)
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	<u>This Period</u>	<u>Total</u>
COSTS TO DATE: .....	\$ <u>385</u>	\$ <u>2,468</u>
COMMITMENTS TO DATE: .....	\$ <u>(269)</u>	\$ <u>772</u>
TOTAL OBLIGATIONS TO DATE: .....	\$ <u>116</u>	\$ <u>3,240</u>
BALANCE AVAILABLE: .....	\$ <u>N/A</u>	\$ <u>730</u>
TEC: .....	\$ <u>N/A</u>	\$ <u>79,700</u>
CURRENT ESTIMATE W/O CONTINGENCY: .....	\$ <u>N/A</u>	\$ <u>68,183</u>
BASELINE CONTINGENCY: .....	\$ <u>N/A</u>	\$ <u>11,517</u>
CURRENT CONTINGENCY: .....	\$ <u>N/A</u>	\$ <u>11,517</u>
 <i>AUTHORIZED TO DATE: .....</i>		 \$ <u>3,970</u>